

56. (Original) The light projector of claim 55, wherein the plurality of sub-elements, when in the second position, together form a circular plano convex lens.

57. (Original) The light projector of claim 56, wherein the plurality of sub-elements includes eight sub-elements.

58. (Cancelled)

59. (Original) The light projector of claim 51 wherein the optical element is selected from the group consisting of double-convex lens, plano-concave lens, double-concave lens, aspheric lens, condenser lens, fresnel lens, meniscus lens, lenticular arrays, ground glass lens, diffusing lens, diffraction grating, frosted material and a polarizing lens.

60. (Amended) A light projector comprising: a light source projecting a beam of light; a plurality of optical sub-elements each movable between a first position in which the beam of light does not impinge upon the optical sub-element, a second position in which substantially all of the beam of light impinges upon the optical sub-element, and a plurality of intermediate positions in which a portion of the beam of light impinges upon the optical sub-element, wherein the plurality of sub-elements are plano convex lens sub-elements.

61. (Cancelled)

62. (Original) The light projector of claim ⁶⁰~~61~~, wherein the plurality of sub-elements, when in the second position, together form a circular plano convex lens.

63. (Original) The light projector of claim 62, wherein the plurality of sub-elements includes eight sub-elements.